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Welcome - Spacecraft Research & Design Center - Naval Postgraduate School (archived)

Monterey, California, Naval Postgraduate School

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Spacecraft Research & Design Center



Director's Welcome

Welcome to the Spacecraft Research and Design Center (SRDC)

I invite you to browse our web site and learn about the center.

The research in our center is progressing in several challenging areas, such as flexible spacecraft control, acquisition, tracking and pointing, optical beam control, adaptive optics, beam jitter, adaptive control, control moment gyros control, and spacecraft design. The center has several state-of-art laboratories for instruction and research.

[Director Profile...](#)

Director Brij Agrawal

agrawal@nps.edu

SRDC News and Events

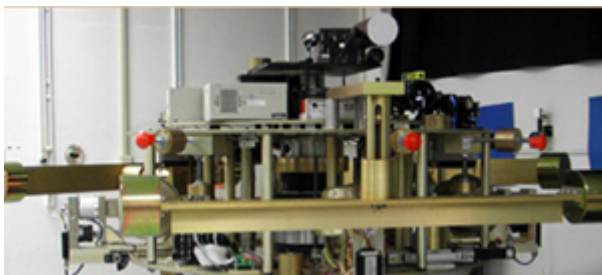
[Distinguished Professor Agrawal Elected AIAA Fellow](#)

SRDC Research Labs Focus



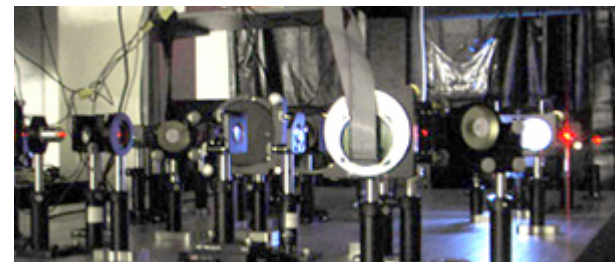
Adaptive Optics Beam Control Laboratory

A new Adaptive Optics Beam Control Lab provides a clean room environment for high energy beam control research.



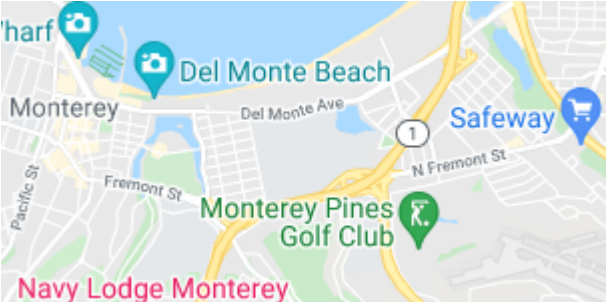
Three Axis Simulator II

The three axis simulator II (TAS II) is a second generation spacecraft simulator equipped with more powerful actuators and more accurate sensors.



Adaptive Optics Testbed

The Adaptive Optics Testbed uses adaptive optics to improve the quality of an imaged object. Light from an object of interest and a red light reference laser beam travel together through the optical components on the table, becoming aberrated in the process.



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Mission

Provide defense-focused graduate education, including classified studies and interdisciplinary research, to advance the operational effectiveness, technological leadership and warfighting advantage of the Naval service.

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